

# Eaton's BRX miniature circuit breaker is a market leader for interrupting ratings






Eaton's BRX miniature circuit breaker is a fully rated 65,000 ampere interrupting capacity (kAIC) 1-inch style, two-pole breaker. It is a leader for interrupting ratings in a standard-size miniature breaker package.

Developed in response to customer specifications, the 65 kAIC rating simplifies the series rating by using a two-tier rating instead of an industry-standard three-tier rating, which requires a coordinated upstream breaker or fuse devices.

Intended for multi-tenant applications, the BRX miniature circuit breaker will help contractors reduce costs by easing installation, removing the need for specified upstream breakers and using less expensive service modules.

### Features and benefits

- Standalone rating does not require a three-tier series rating, simplifying the system rating while enabling the use of less costly main service modules
- The BRX allows customers to use compact residential group metering stacks to reduce costs while saving space in the electrical room
- The product's standalone rating completes Eaton's product offering for applications with high kAIC requirements

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## Why Eaton

The world's demand for power continues to increase. Eaton is helping customers do more with less energy, while also improving the reliability of critical systems and processes.

Eaton's miniature circuit breakers are used to switch and protect the lowest common distribution voltage in an electrical system. The new BRX breaker is the market leader for interrupting ratings in a standard-size package.

## 1MP, 1MM and 3MM BR main tenant circuit breakers and series ratings

| Description | Number of poles | Main tenant circuit breaker ampere rating | 10 kAIC catalog number ❶ | 22 kAIC catalog number | 42 kAIC catalog number ❷❸❹ | 65 kAIC catalog number ❷❸❹ |
|---|---|---|---|---|---|---|
| **Plug-on type** | | | | | | |
| Plug-on type circuit breakers used with 1MP, 1MM and 3MM 125 A modular metering stacks | 2 | 60 | **BR260** | **BRH260** | **BRHH260** | **BRX260** |
| | 2 | 70 | **BR270** | **BRH270** | **BRHH270** | **BRX270** |
| | 2 | 80 | **BR280** | **BRH280** | **BRHH280** | **BRX280** |
| | 2 | 90 | **BR290** | **BRH290** | **BRHH290** | **BRX290** |
| | 2 | 100 | **BR2100** | **BRH2100** | **BRHH2100** | **BRX2100** |
| | 2 | 110 | **BR2110** | **BRH2110** | **BRHH2110** | **BRX2110** |
| | 2 | 125 | **BR2125** | **BRH2125** | **BRHH2125** | **BRX2125** |

**Notes:**

❶ #2–300 kcmil wire size range for CCV and CCVH tenant main circuit breakers.

❷ "MM" suffix indicates mounting hardware kit is included as standard with tenant main breaker.

❸ 1MMCBK replacement mounting hardware kit. One kit is needed per breaker. Mounting hardware kit ships standard with breaker "MM" suffix offering.

❹ #6–4/0 kcmil wire size range for CVS, CV and CVH tenant main circuit breakers. If #2–300 kcmil is needed, order 2TA225CVK. One kit needed per breaker.

| Main module overcurrent device | System AIC rating 120/240 Vac maximum (kAIC) | Tenant feeder breaker or loadcenter main breaker | Loadcenter branch breaker (10 kAIC) |
|---|---|---|---|
| (1) None<br>(2) Cable tap box<br>(3) Main switch<br>(4) Main breaker | 22<br>25<br>42<br>65<br>100 | BRH<br>CSR, CCVH<br>BRHH, CVS<br>BRX, CV, KD, HKD<br>CVH, KDC | BD, BR, BRD, BQ, BQC, GFCB, CH, CHT, BRCAF, CHFCAF, CHF, CH-GFCI |
| Main switch with Class T fuses, 1200 A maximum | 100 | BRHH | BD, BR, BRD, BQ, BQC, GFCB, CH, CHT, BRCAF, CHFCAF, CHF, CH-GFCI |

**Note:** All loadcenter branch breakers carry a 10 kAIC rating.

For additional information, visit
**Eaton.com** or call
**1-877-ETN-CARE (1-877-386-2273).**

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